

CLAIMS

What is claimed is:

1. A method comprising:
 - 2 scanning a page;
 - locating at least one device on the page;
 - 4 printing information onto the page without printing information on the at least one device.
2. The method of claim 1 further comprising:
 - 2 storing a template of the scanned page where the template contains the location and size of the at least one device.
3. A method comprising:
 - 2 scanning a first page;
 - locating the position and size of at least one object on the first page;
 - 4 aligning information to fit onto the first page without the information encroaching onto the at least one object on the first page.
4. The method of claim 3 where the information aligned is text.
5. The method of claim 3 where the information aligned is graphical.
6. The method of claim 3 further comprising:

printing the aligned information onto the first page.

7. The method of claim 3 further comprising:

2 printing the aligned information onto a second page, where the second page is
essentially a copy of the first page.

8. The method of claim 3 further comprising:

2 scanning a second page to capture the information to be aligned.

9. The method of claim 3 further comprising:

2 receiving the information to be aligned as digital information.

10. A method comprising:

2 scanning a page of stationery;
 locating at least one device preprinted on the stationery;
4 automatically formatting a string of text such that the string of text is
positioned correctly for the page of stationery, with respect to the location of the at
6 least one device.

11. The method of claim 10 where the device is a letterhead.

12. The method of claim 10 where the device is a logo.

13. The method of claim 10 further comprising:

2 printing the formatted string of text onto the stationery.

14. The method of claim 10 where the string of text is created in a word processing
2 program.

15. The method of claim 10 where the string of text is read from a file.

16. A system, comprising:
2 a scanning device configured to generate a digital representation of a page
placed onto the scanning device;
4 a processor configured to detect the location of at least one object in the digital
representation of the page;
6 a printing device;
the processor configured to print information on the page in a location that
8 does not overlap with the location of the at least one detected object in the digital
representation of the page.

17. The system of claim 16 where the system is connected to the Internet with a
2 communication link.

18. The system of claim 16 where the scanning device is integrated into the printing
2 device.

19. A system, comprising:
2 a scanner configured to generate a digital representation of a page placed onto
the scanner;

4 a computer connected to the scanner, the computer configured to detect the
location of at least one object in the digital representation of the page;
6 a printer connected to the computer;
 the computer configured to print information on the page in a location that
8 does not overlap with the location of the at least one detected object in the digital
representation of the page.

20. The system of claim 19 where the system is connected to the Internet with a
2 communication link.

21. A device, comprising:
2 a means for scanning a page;
 a means for detecting the size and location of objects printed on the page;
4 a means for aligning information to fit on the page while avoiding the detected
objects;
6 a means for printing the aligned information onto the page.